



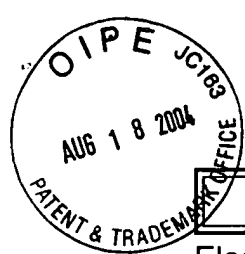
Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 66898
Application ID: 10053390
Title of Invention: CONTACT DETECTION SYSTEM
FOR POWER EQUIPMENT
First Named Inventor: Stephen Gass
Domestic/Foreign Application: Domestic Application
Filing Date: 2002-01-16
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Statement
Filing Type:
Confirmation number: 2969
Attorney Docket Number: SDT 319




Total Fees Authorized:

Digital Certificate Holder: cn=Stephen Francis Gass,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
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TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	CONTACT DETECTION SYSTEM FOR POWER EQUIPMENT									
<p>Application Number: 10/053390 </p> <p>Date: 2002-01-16</p> <p>First Named Applicant: Mr. Stephen F Gass</p> <p>Confirmation Number: 2969</p> <p>Attorney Docket Number: SDT 319</p>										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mr. Stephen F Gass Registered Number: 38462</td><td>Stephen F Gass</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mr. Stephen F Gass Registered Number: 38462	Stephen F Gass	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Mr. Stephen F Gass Registered Number: 38462	Stephen F Gass	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>11SIDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	11SIDS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	11SIDS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

CONTACT DETECTION SYSTEM FOR POWER
EQUIPMENT

Application Number: 10/053390
Confirmation Number: 2969
First Named Applicant: Stephen Gass
Attorney Docket Number: SDT 319
Art Unit: 3724
Examiner: Ghassem Alie
Search string: (4637188 or 4934233 or 4937554 or 5020406
or 5199343 or 6052884 or 6404098 or 6420814
or 6430007).pn.



Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4637188	1987-01-20	Crothers			
	2	4934233	1990-06-19	Brundage et al.			
	3	4937554	1990-06-26	Herman			
	4	5020406	1991-06-04	Sasaki et al.			
	5	5199343	1993-04-06	OBanion			
	6	6052884	2000-04-25	Steckler et al.			
	7	6404098	2002-06-11	Kayama et al.			

	8	6420814	2002-07-16	Bobbio
	9	6430007	2002-08-06	Jabbari

Signature

Examiner Name	Date